
	IDEX 2019 -Call for Post-doc	
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JOB DESCRIPTION

<p>Job Title : Postdoctoral fellow in organic chemistry and fluorescence</p>
<p>Job Summary: The Laboratory of Therapeutic Innovation (UMR7200) is looking for a Postdoctoral Fellow working on the design and the synthesis of novel fluorescent “Turn-ON” probes for G-protein coupled receptor imaging. This is a full-time position for 24 months.</p>
<p>Job Description: The Laboratory of Therapeutic Innovation (http://medchem.unistra.fr) is located in the Faculty of Pharmacy and affiliated to the University of Strasbourg and to the CNRS (Centre National de Recherche Scientifique). Its main activity is focused on medicinal chemistry, involving organic synthesis, chemical biology, and chemoinformatics. Our team focuses on developing chemical tools and generic methods aiming at deciphering life mechanisms and accelerating the discovery of GPCR probes and drug candidates (current leader: D; Bonnet, 20 members). The team is part of the LabEx MEDALIS for drug discovery and the LabEx EURIDOL, which study pain and novel innovative treatments.</p> <p>The Postdoctoral Associate will work under the supervision of D. Bonnet (Principal Investigator) and will develop novel fluorogenic probes for GPCR imaging both in living cells and in vivo. More specifically, the Postdoctoral Associate will design and synthesize novel fluorogenic dyes which will be grafted on GPCR ligands (small ligands or peptides). Then, he/she will perform the characterization of the fluorescence properties of the probes (fluorogenic character, quantum yields, brightness and photostability) and the evaluation in cell by confocal microscopy. The <i>in vivo</i> evaluation will be done with collaborators developing animal model.</p> <p>The candidate should meet the following qualifications: a PhD in chemistry with a strong experience in organic synthesis and in organic compounds characterization. An experience in fluorescence and microscopy technics would be a plus. He/she is expected to be creative, motivated, able to work independently, but also to interact well within the team members. Interested candidates have to send their application documents including a motivation letter, a CV, and names and contact details of at least 2 referees to dominique.bonnet@unistra.fr</p>
<p>Main research field : Chemistry</p>
<p>Offer Requirements : Full-time position for 24 months</p>
<p>Eligibility criteria : The candidate must have a PhD in chemistry with a strong experience in organic synthesis. An experience in fluorescence and microscopy technics would be a plus.</p>

JOB DETAIL

Type of contract : Temporary
Status : Full-time
Company / Institute: Université de Strasbourg
Country: France
City: Strasbourg
Postal Code: 67000
Street: 4 rue Blaise Pascal

APPLICATION DETAILS (mandatory)

Provisional start date : 01/10/2019
